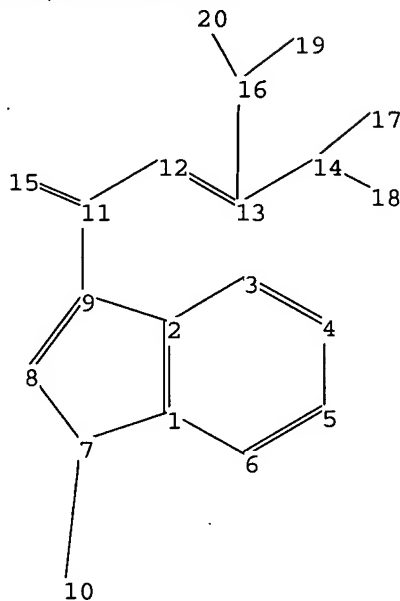


\* \* \* \* \* STN Columbus \* \* \* \* \*

=> file reg

Uploading C:\Program Files\Stnexp\Queries\10749630.str



```

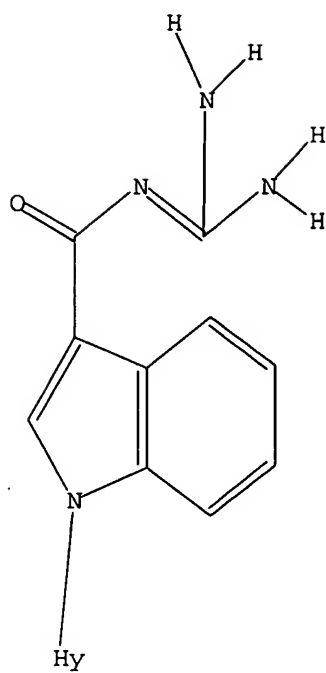
containing 1 :

```

19:CLASS 20:CLASS

|    |     |
|----|-----|
| L1 | STR |
|----|-----|

10/749,630



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

L3 72 SEA SSS FUL L1

=> file ca

=> s l3

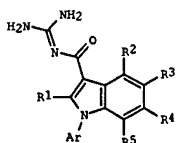
L4 2 L3

=> d ibib abs fhitstr 1-2

10/749,630

L4 ANSWER 1 OF 2 CA COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 140:128292 CA  
 TITLE: Preparation of 3-guanidinocarbonyl-1-heteroaryl-  
 indoles for treating or preventing diseases which are  
 related to NHE (sodium-proton exchanger)  
 INVENTOR(S): Kleemann, Heinz-Werner; Carry, Jean-Christophe;  
 Desmazeau, Pascal; Mignani, Serge; Bouquerel, Jean;  
 Genevois-Borella, Arielle; Ronan, Baptiste  
 PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany  
 SOURCE: PCT Int. Appl., 69 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

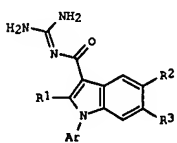
| PATENT NO.  | KIND | DATE              | APPLICATION NO. | DATE       |
|---|------|-------------------|-----------------|------------|
| WO 2004007480   | A1   | 20040122          | WO 2003-EP7024  | 20030702   |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |                   |                 |            |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |                   |                 |            |
| FR 2842526  | A1   | 20040123          | FR 2002-8949    | 20020716   |
| CA 2492427  | AA   | 20040122          | CA 2003-2492427 | 20030702   |
| EP 1523481  | A1   | 20050420          | EP 2003-763686  | 20030702   |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |      |                   |                 |            |
| US 2005026989   | A1   | 20050203          | US 2003-749630  | 20031231   |
| PRIORITY APPL. INFO.:   |      |                   | FR 2002-8949    | A 20020716 |
|   |      |                   | WO 2003-EP7024  | W 20030702 |
| OTHER SOURCE(S):  |      | MARPAT 140:128292 |                 |            |
| GI  |      |                   |                 |            |



AB The title compds. [I: R1 = H, alkyl; R2 = H, alkyl, halo, etc.; R3, R4 =

L4 ANSWER 2 OF 2 CA COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 140:128291 CA  
 TITLE: Preparation of 3-guanidinocarbonyl-1-heteroaryl-  
 indoles for treating or preventing diseases which are  
 related to sodium-proton exchanger (NHE)  
 INVENTOR(S): Kleemann, Heinz-Werner; Carry, Jean-Christophe;  
 Desmazeau, Pascal; Mignani, Serge; Bouquerel, Jean;  
 Genevois-Borella, Arielle; Ronan, Baptiste  
 PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany  
 SOURCE: PCT Int. Appl., 57 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

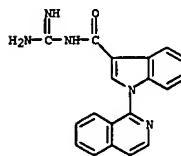
| PATENT NO.  | KIND | DATE              | APPLICATION NO. | DATE       |
|---|------|-------------------|-----------------|------------|
| WO 2004007479   | A1   | 20040122          | WO 2003-EP7023  | 20030702   |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |                   |                 |            |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |                   |                 |            |
| FR 2842525  | A1   | 20040123          | FR 2002-8948    | 20020716   |
| FR 2842525  | B1   | 20050513          |                 |            |
| CA 2492421  | AA   | 20040122          | CA 2003-2492421 | 20030702   |
| BR 2003012701   | A    | 20050426          | BR 2003-12701   | 20030702   |
| EP 1530566  | A1   | 20050518          | EP 2003-763685  | 20030702   |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |      |                   |                 |            |
| US 2004214820   | A1   | 20041028          | US 2003-749631  | 20031231   |
| PRIORITY APPL. INFO.:   |      |                   | FR 2002-8948    | A 20020716 |
|   |      |                   | WO 2003-EP7023  | W 20030702 |
| OTHER SOURCE(S):  |      | MARPAT 140:128291 |                 |            |
| GI  |      |                   |                 |            |



AB The title compds. [I: R1 = H, alkyl; R2, R3 = H, alkyl, halo, alkoxy, OH; Ar = (un)substituted 9-10 membered bicyclic heteroaryl having 1-3 N atoms] which are suitable for example as antiarrhythmic medicaments with a cardioprotective component for infarction prophylaxis and infarction treatment and for the treatment of angina pectoris, were prepared and

L4 ANSWER 1 OF 2 CA COPYRIGHT 2005 ACS on STN (Continued)  
 H, alkyl, halo, alkoxy, OH; R5 = H, halo; Ar = 9-10 membered bicyclic heteroaryl having 1-3 N atoms], which are suitable for example as antiarrhythmic medicaments with cardioprotective component for infarction prophylaxis and infarction treatment and for the treatment of angina pectoris, were prepd. and formulated. They also inhibit in a preventive manner the pathophysiol. processes assoc. with the development of ischemia-induced damage, in particular in the triggering of ischemia-induced cardiac arrhythmias and of heart failure. E.g., a 4-step synthesis of 1.HCl [R1-R5 = H; Ar = isoquinolin-1-yl] which showed IC50 of 0.014 μM against NHE1 subtype, was given.

IT RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of 3-guanidinocarbonyl-1-heteroaryl-indoles for treating or preventing diseases which are related to sodium-proton exchanger (NHE))  
 RN 649550-23-2 CA  
 CN 1H-Indole-3-carboxamide, N-(aminoinimomethyl)-1-(1-isoquinolinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

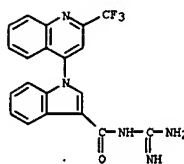


● HCl

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CA COPYRIGHT 2005 ACS on STN (Continued)  
 formulated. They also inhibit in a preventive manner the pathophysiol. processes assoc. with the development of ischemia-induced damage, in particular in the triggering of ischemia-induced cardiac arrhythmias and of heart failure. E.g., a 4-step synthesis of 1.HCl [R1-R3 = H; Ar = 2-trifluoromethylquinolin-4-yl] which showed IC50 of 2.36 μM for the NHE-1 subtype, was given.

IT RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of 3-guanidinocarbonyl-1-heteroaryl-indoles for treating or preventing diseases which are related to sodium-proton exchanger (NHE))  
 RN 649538-65-8 CA  
 CN 1H-Indole-3-carboxamide, N-(aminoinimomethyl)-1-[2-(trifluoromethyl)-4-quinolinyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/749,630

=> file marpat

=> s l1 full

L5            4 SEA SSS FUL L1

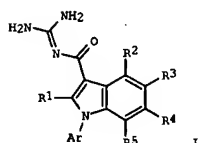
=> d ibib abs fqhit 1-4

10/749,630

L5 ANSWER 1 OF 4 MARPAT COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 140:128292 MARPAT  
 TITLE: Preparation of 3-guanidinocarbonyl-1-heteroaryl-  
 indoles for treating or preventing diseases which are  
 related to NHE (sodium-proton exchanger)  
 INVENTOR(S): Kleemann, Heinz-Werner; Carry, Jean-Christophe;  
 Desmazeau, Pascal; Mignani, Serge; Bouquerel, Jean;  
 Genevois-Borella, Arielle; Ronan, Baptiste  
 PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany  
 SOURCE: PCT Int. Appl., 69 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 2004007480   | A1   | 20040122 | WO 2003-EP7024  | 20030702 |
| W: AS, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                 |          |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| FR 2842525  | A1   | 20040123 | FR 2002-8949    | 20020716 |
| CA 2492427  | AA   | 20040122 | CA 2003-2492427 | 20030702 |
| EP 1523481  | A1   | 20050420 | EP 2003-763686  | 20030702 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |      |          |                 |          |
| US 2005026989   | A1   | 20050203 | US 2003-749630  | 20031231 |
| PRIORITY APPLN. INFO.:  |      |          | FR 2002-8949    | 20020716 |
|   |      |          | WO 2003-EP7024  | 20030702 |

GI

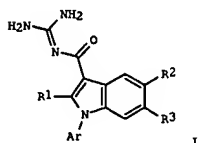


AB The title compds. [I: R1 = H, alkyl; R2 = H, alkyl, halo, etc.; R3, R4 = H, alkyl, halo, alkoxy, OH; R5 = H, halo; Ar = 9-10 membered bicyclic

L5 ANSWER 2 OF 4 MARPAT COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 140:128291 MARPAT  
 TITLE: Preparation of 3-guanidinocarbonyl-1-heteroaryl-  
 indoles for treating or preventing diseases which are  
 related to sodium-proton exchanger (NHE)  
 INVENTOR(S): Kleemann, Heinz-Werner; Carry, Jean-Christophe;  
 Desmazeau, Pascal; Mignani, Serge; Bouquerel, Jean;  
 Genevois-Borella, Arielle; Ronan, Baptiste  
 PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany  
 SOURCE: PCT Int. Appl., 57 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 2004007479   | A1   | 20040122 | WO 2003-EP7023  | 20030702 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                 |          |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| FR 2842525  | A1   | 20040123 | FR 2002-8948    | 20020716 |
| FR 2842525  | B1   | 20050513 |                 |          |
| CA 2492421  | AA   | 20040122 | CA 2003-2492421 | 20030702 |
| BR 2003012701   | A    | 20050426 | BR 2003-12701   | 20030702 |
| EP 1530566  | A1   | 20050518 | EP 2003-763685  | 20030702 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |      |          |                 |          |
| US 2004214820   | A1   | 20041028 | US 2003-749631  | 20031231 |
| PRIORITY APPLN. INFO.:  |      |          | FR 2002-8948    | 20020716 |
|   |      |          | WO 2003-EP7023  | 20030702 |

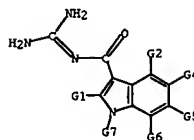
GI



AB The title compds. [I: R1 = H, alkyl; R2, R3 = H, alkyl, halo, alkoxy, OH; Ar = (un)substituted 9-10 membered bicyclic heteroaryl having 1-3 N atoms] which are suitable for example as antiarrhythmic medicaments with a cardioprotective component for infarction prophylaxis and infarction treatment and for the treatment of angina pectoris, were prepared and formulated. They also inhibit in a preventive manner the pathophysiol.

L5 ANSWER 1 OF 4 MARPAT COPYRIGHT 2005 ACS on STN (Continued)  
 heteroaryl having 1-3 N atoms], which are suitable for example as antiarrhythmic medicaments with cardioprotective component for infarction prophylaxis and infarction treatment and for the treatment of angina pectoris, were prep'd. and formulated. They also inhibit in a preventive manner the pathophysiol. processes assoc'd. with the development of ischemia-induced damage, in particular in the triggering of ischemia-induced cardiac arrhythmias and of heart failure. E.g., a 4-step synthesis of I.HC1 [R1-R5 = H; Ar = isoquinolin-1-yl] which showed IC50 of 0.014 µM against NHE1 subtype, was given.

MSTR 1



G7 = quinolinyl

MPL: claim 1

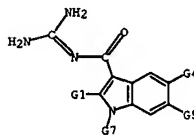
NTE: and pharmaceutically acceptable salts

STE: and racemic mixtures, enantiomers, diastereomers, tautomers and mixtures

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 4 MARPAT COPYRIGHT 2005 ACS on STN (Continued)  
 processes assoc'd. with the development of ischemia-induced damage, in particular in the triggering of ischemia-induced cardiac arrhythmias and of heart failure. E.g., a 4-step synthesis of I.HC1 [R1-R3 = H; Ar = 2-trifluoromethylquinolin-4-yl] which showed IC50 of 2.36 µM for the NHE-1 subtype, was given.

MSTR 1



MPL: claim 1

NTE: and pharmaceutically acceptable salts

STE: and racemic mixtures, enantiomers, diastereomers, tautomers and mixtures

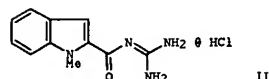
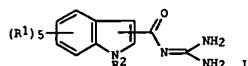
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/749,630

L5 ANSWER 3 OF 4 MARPAT COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 125:58312 MARPAT  
 TITLE: Indolylguanidine derivatives useful as inhibitors of Na<sup>+</sup>/H<sup>+</sup> exchanger activity.  
 INVENTOR(S): Kitano, Masahumi; Nakano, Kazuhiro; Yagi, Hideki; Ohashi, Naohito; Kojima, Atsuyuki; Noguchi, Tsuyosshi; Miyagishi, Akira  
 PATENT ASSIGNEE(S): Sumitomo Pharmaceuticals Company, Limited, Japan  
 SOURCE: Eur. Pat. Appl., 99 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
|---|------|----------|------------------|----------|
| EP 708091   | A1   | 19960424 | EP 1995-307409   | 19951018 |
| EP 708091   | A3   | 19960717 |                  |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE |      |          |                  |          |
| JP 08208602   | A2   | 19960813 | JP 1995-286772   | 19951006 |
| CA 2160600  | A2   | 19960419 | CA 1995-2160600  | 19951016 |
| CN 1136038  | A    | 19961120 | CN 1995-116169   | 19951017 |
| CN 1067988  | B    | 20010704 |                  |          |
| TW 386991   | B    | 20000411 | TW 1995-84110984 | 19951018 |
|   |      |          | JP 1994-280025   | 19941018 |

PRIORITY APPLN. INFO.:  
 GI

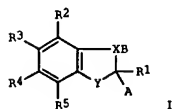


AB Indolylguanidine derive. I [R1 = H, (un)substituted alkyl, alkenyl, alkynyl, cycloalkyl, halo, NO2, acyl, CO2H, alkoxycarbonyl, aromatic group, (un)substituted OH, NH2, SO2NH2, etc.; R2 = H, (un)substituted alkyl, cycloalkyl, OH, alkoxy, etc.] and their pharmaceutically acceptable acid addition salts inhibit Na<sup>+</sup>/H<sup>+</sup> exchanger activity, and are consequently useful in the treatment or prevention of diseases caused by increased Na<sup>+</sup>/H<sup>+</sup> exchanger activity. For example, condensation of Me 1-methyl-2-indolecarboxylate in the presence of NaOMe at ≤ 130° gave, after chromatog. and salification, 30.8% title compound II. In an assay for inhibition of ischemia-and-reperfusion-induced cardiac arrhythmia in rats, II at 0.3 mg/kg reduced mortality from 76% (control) to 0%, whereas EIPA [5-(N-ethyl-N-isopropyl)amiloride] reduced mortality to only 44% at the same dose.

L5 ANSWER 4 OF 4 MARPAT COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 123:256510 MARPAT  
 TITLE: Preparation of indolylcarbonylguanidines, benzofurylcarbonylguanidines, benzothienylcarbonylguanidines, benzimidazolylcarbonylguanidines, and related compounds as drugs and diagnostic agents.  
 INVENTOR(S): Lang, Hans Jochen; Weichert, Andreas; Schwark, Jan Robert; Scholz, Wolfgang; Albus, Udo; Crause, Peter  
 PATENT ASSIGNEE(S): Hoechst A.-G., Germany  
 SOURCE: Eur. Pat. Appl., 36 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

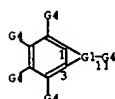
| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| EP 639573   | A1   | 19950222 | EP 1994-111765  | 19940728 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE |      |          |                 |          |
| DE 4326005  | A1   | 19950209 | DE 1993-4326005 | 19930803 |
| DE 4414316  | A1   | 19951026 | DE 1994-4414316 | 19940425 |
|   |      |          | DE 1993-4326005 | 19930803 |
|   |      |          | DE 1994-4414316 | 19940425 |

PRIORITY APPLN. INFO.:  
 GI



AB Title compds. [I: X = N, CR6; Y = O, S, NR7; A, B = H; AB = bond; 1 of R1-R6 = CON: C(NH2)2, the other of R1-R6 = H, F, Cl, Br, iodo, alkyl, s2 of R1-R6 = cyano, NO2, N3, alkoxy, CF3, etc.; R7 = H, alkyl, alkenyl, etc.], were prepared. Thus, 3-chloro-5-fluoro-1-methylindolyl-2-carboxylic acid guanidine hydrochloride (synthetic outline given) inhibited rabbit erythrocyte Na<sup>+</sup>/H<sup>+</sup>-exchanger with IC50 = 3 × 10<sup>-8</sup> M.

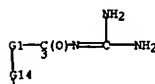
MSTR 1



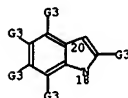
G1 = 8-1 9-11 10-3

L5 ANSWER 3 OF 4 MARPAT COPYRIGHT 2005 ACS on STN (Continued)

MSTR 1



G1 = 18-1 20-3



G14 = furyl (50)  
 DER: or pharmaceutically acceptable acid addition salts  
 MPL: claim 1  
 NTE: also incorporates claim 14  
 NTE: substitution is restricted

L5 ANSWER 4 OF 4 MARPAT COPYRIGHT 2005 ACS on STN (Continued)



G2 = 12



G3 = 14



G4 = (1) 25



G7 = 26



G17 = pyridyl  
 DER: and pharmaceutically acceptable salts  
 MPL: claim 1  
 NTE: substitution is restricted  
 NTE: also incorporates claim 6

10/749,630

=> d his

(FILE 'HOME' ENTERED AT 14:14:15 ON 16 JUN 2005)

FILE 'REGISTRY' ENTERED AT 14:14:20 ON 16 JUN 2005

L1 STRUCTURE UPLOADED

L2 6 S L1 SAM

L3 72 S L1 FULL

FILE 'CA' ENTERED AT 14:15:04 ON 16 JUN 2005

L4 2 S L3

FILE 'MARPAT' ENTERED AT 14:15:16 ON 16 JUN 2005

L5 4 S L1 FULL

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

STN INTERNATIONAL LOGOFF AT 14:15:44 ON 16 JUN 2005